

ABSTRACT OF THE DISCLOSURE

A method and system for reconstructing a path taken by undesirable network traffic through a computer network from a source of the traffic is provided. The method includes collecting statistics at a plurality of measurement points located
5 within forwarding infrastructure of the computer network. The method also includes analyzing the statistics to reconstruct the path taken by the undesirable network traffic through the network from the source of the traffic. The method and system use a combination of well-known misuse signatures of network resources in combination with modeling of normal network service behavior to identify
10 bandwidth anomalies.